

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020625.D
 Acq On : 31 Dec 2015 2:21
 Operator : UM/SJ
 Sample : G4846-06DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N52DL

Manual Integrations
 APPROVED

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 12/31/2015 6:36:08 PM

Quant Time: Dec 31 03:49:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 03:43:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	15843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	66216	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	50597	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	132257	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	163887	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	156603	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	1882m	1.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	6339	7.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	6272	6.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	4296	3.74	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	4114	8.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	4516	7.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	7652	6.78	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	37747	9.12	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	42053	8.94	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.69	176	34391	9.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	4011	5.00	ng/ul	0.00
71) Anthracene-d10	17.54	188	58898	9.56	ng/ul	0.00
79) Pyrene-d10	19.82	212	69874	9.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	72152	9.23	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.93	128	105112	29.98	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	18141	6.91	ng/ul	100
41) 1,1'-Biphenyl	13.53	154	6228	1.64	ng/ul	96
50) Acenaphthene	14.76	153	32858	9.69	ng/ul	99
54) Dibenzofuran	15.09	168	24634	4.81	ng/ul	88
59) Fluorene	15.74	166	20945	5.08	ng/ul	95
70) Phenanthrene	17.48	178	49154	6.84	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

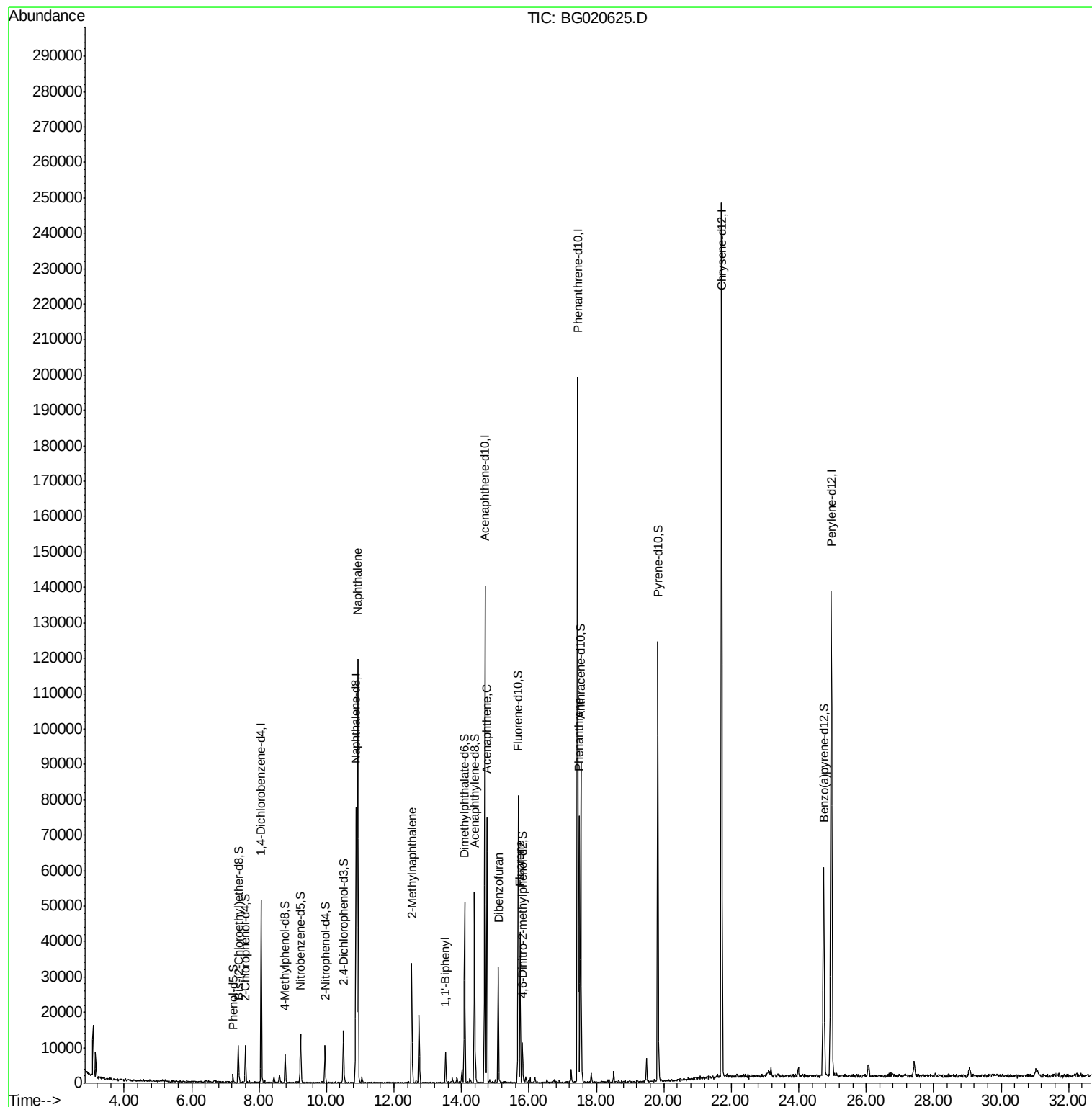
Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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ALS Vial : 33 Sample Multiplier: 1

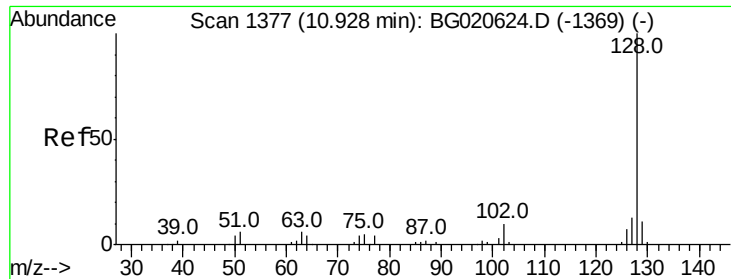
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
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QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 29.98 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG020625.D

Acq: 31 Dec 2015 2:21

Instrument :

BNA_G

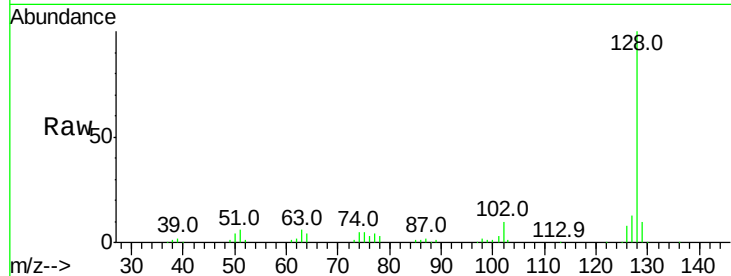
ClientSampleId :

D9N52DL

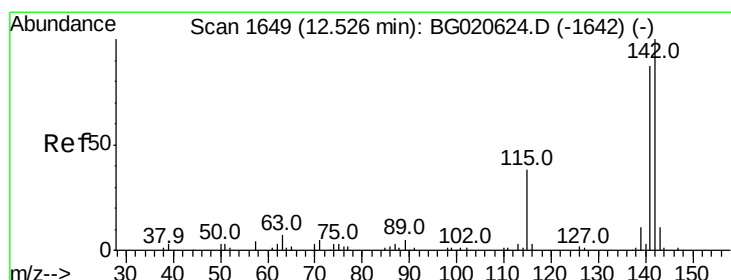
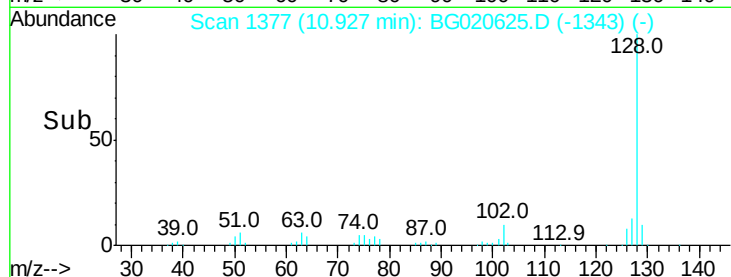
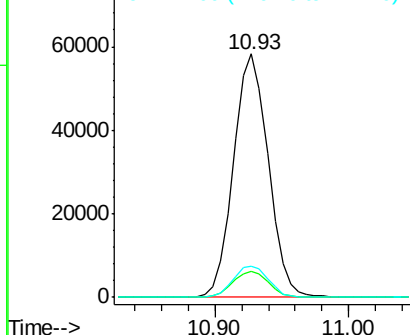
Tot Ion:	128	Resp:	105112
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.3	12.5
127	12.9	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 6.91 ng/ul

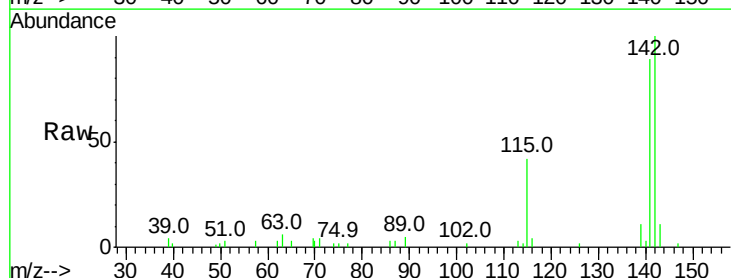
RT: 12.53 min Scan# 1649

Delta R.T. -0.00 min

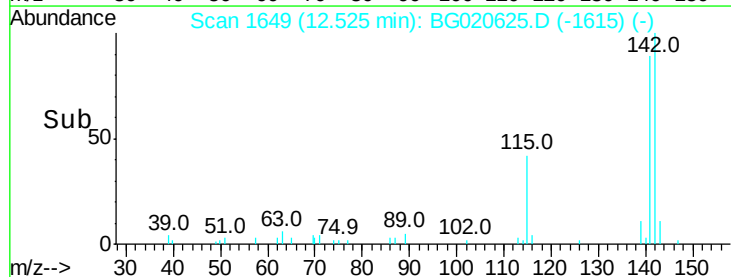
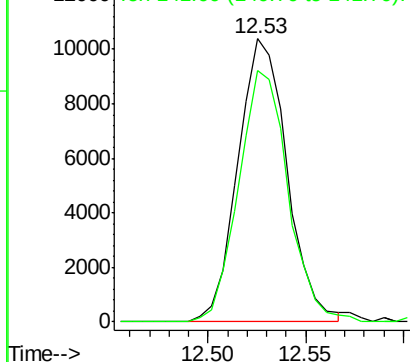
Lab File: BG020625.D

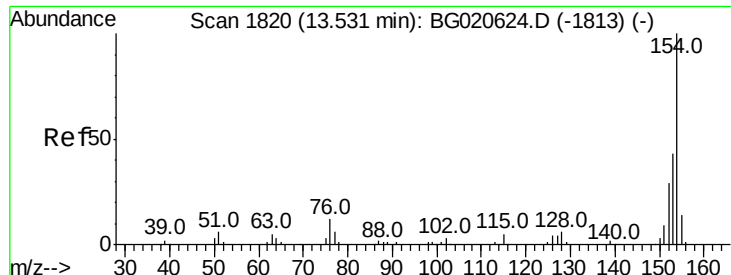
Acq: 31 Dec 2015 2:21

Tgt Ion:	142	Resp:	18141
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





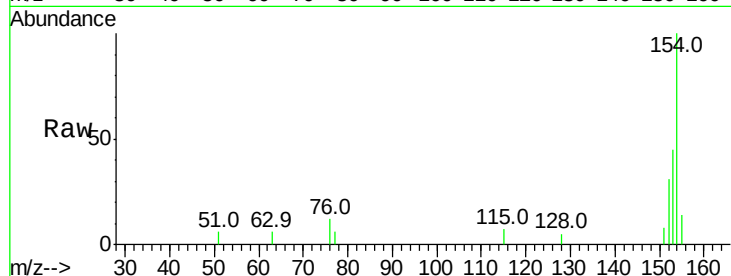
#41
 1,1'-Biphenyl
 Concen: 1.64 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG020625.D
 Acq: 31 Dec 2015 2:21

Instrument :
 BNA_G
 ClientSampleId :
 D9N52DL

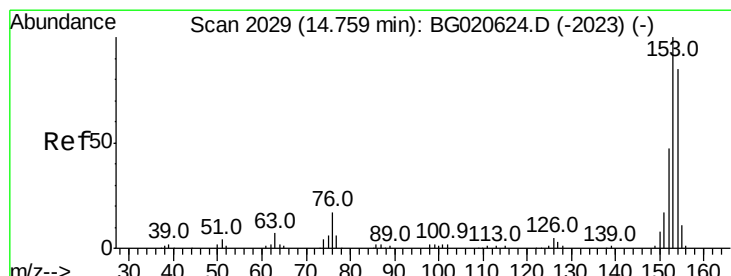
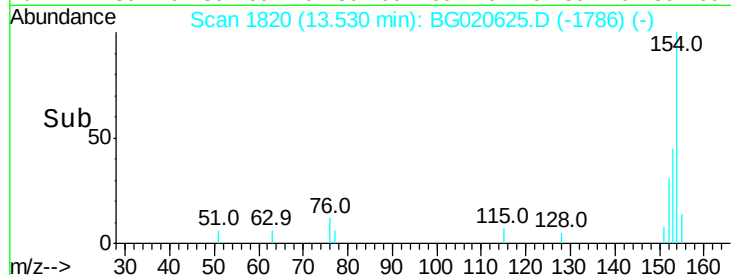
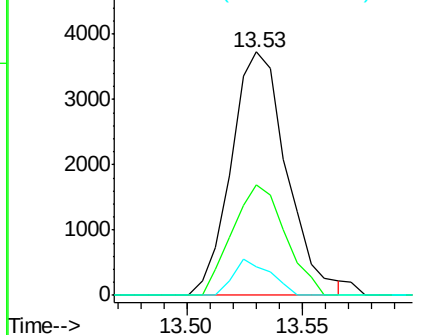
Tot Ion:	154	Resp:	6228
Ion Ratio	Lower	Upper	
154	100		
153	45.5	34.0	51.0
76	11.8	8.4	12.6

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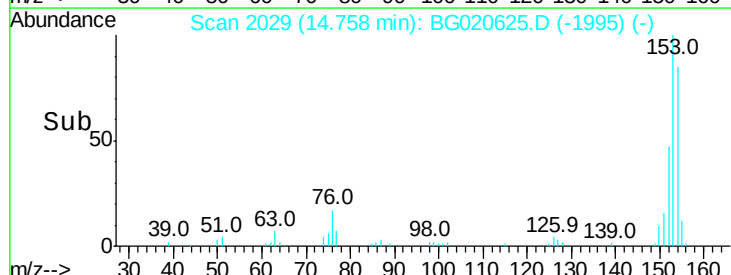
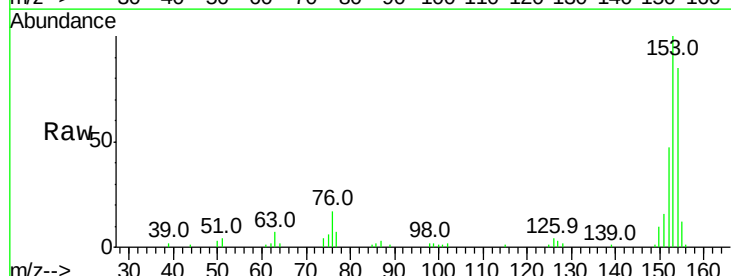
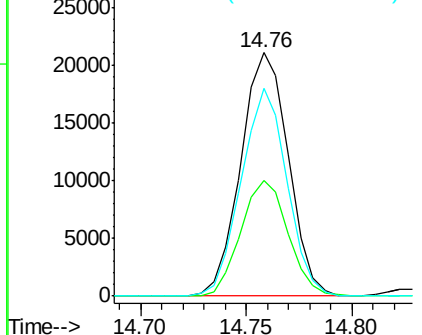
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

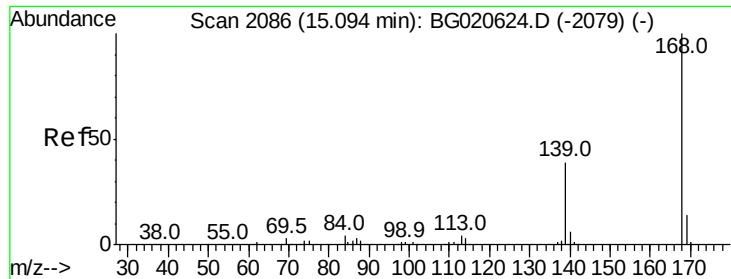


#50
 Acenaphthene
 Concen: 9.69 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG020625.D
 Acq: 31 Dec 2015 2:21

Tgt Ion:	153	Resp:	32858
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.9	56.9
154	85.4	69.8	104.6

Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





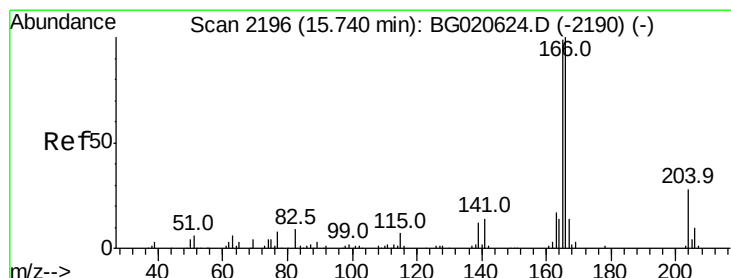
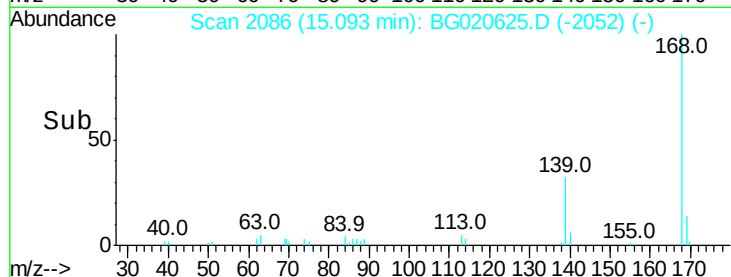
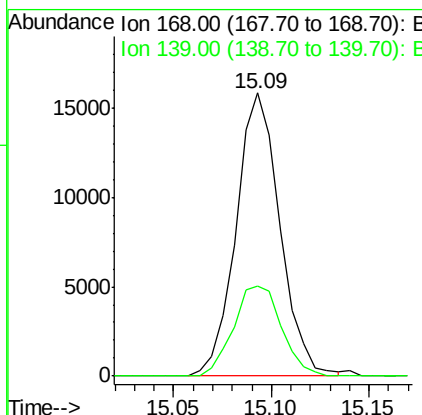
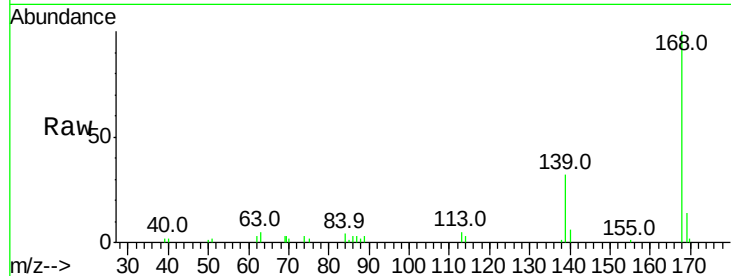
#54
Dibenzenofuran
Concen: 4.81 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG020625.D
Acq: 31 Dec 2015 2:21

Instrument :
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Tot Ion	Ratio	Lower	Upper
168	100		
139	31.7	31.0	46.4

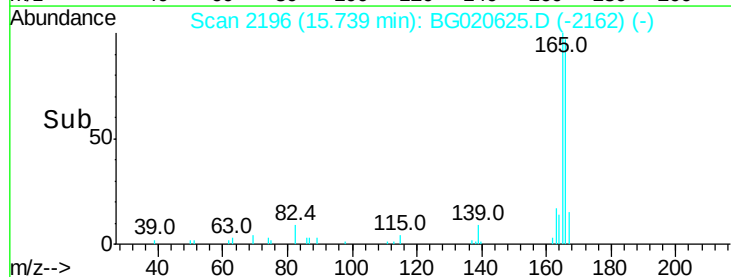
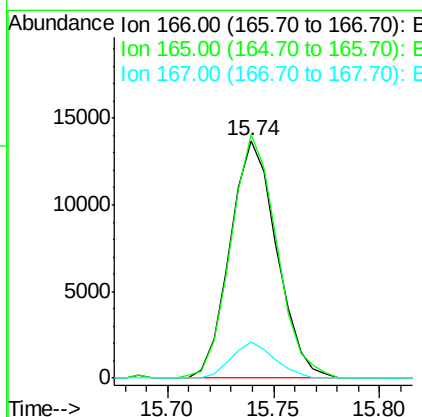
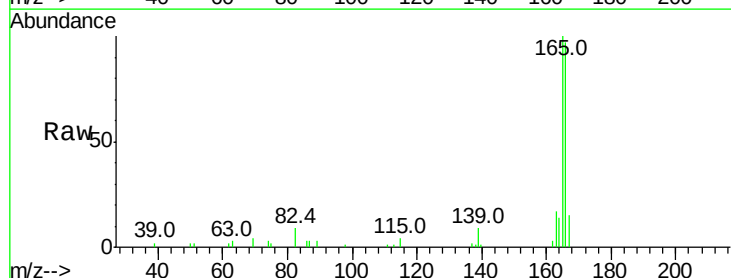
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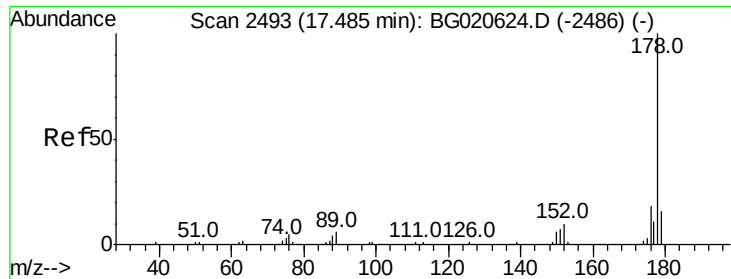
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#59
Fluorene
Concen: 5.08 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG020625.D
Acq: 31 Dec 2015 2:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.4	117.6
167	15.4	11.1	16.7





#70
 Phenanthrene
 Concen: 6.84 ng/ul
 RT: 17.48 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG020625.D
 Acq: 31 Dec 2015 2:21

Instrument :
 BNA_G
 ClientSampleId :
 D9N52DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	18.9	15.4	23.0

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